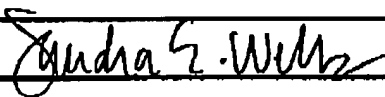


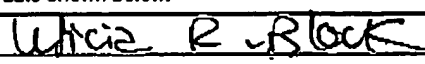
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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/028,482	
	Filing Date	December 21, 2001	
	First Named Inventor	Warrington et al	
	Art Unit	1631	
	Examiner Name	Carolyn Smith	
Total Number of Pages in This Submission	8	Attorney Docket Number	3445

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ENCLOSURES (check all that apply)		
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<div style="border: 1px solid black; padding: 5px;"> Remarks </div>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm	Affymetrix, Inc.		
Signature			
Printed Name	Sandra E. Wells		
Date	5/9/05	Reg. No.	52,349

CERTIFICATE OF TRANSMISSION/MAILING			
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Application No.: 10/028482

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Docket No.: 3445
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Warrington et al.

Application No.: 10/028,482

Filed: December 21, 2001

For: HIGH THROUGHPUT RESEQUENCING AND
VARIATION DETECTION USING HIGH
DENSITY MICROARRAYS

Confirmation No.: 2372

Art Unit: 1631

Examiner: C. L. Smith

AMENDMENT IN RESPONSE TO NON-FINAL OFFICE ACTION

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

INTRODUCTORY COMMENTS

In response to the Office Action dated February 9, 2005, please amend the above-identified U.S. patent application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 5 of this paper.